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Approved for use through 07/31/2006. OMB 0651-0031 U.S. Patent and Trademark Office, U.S. DEPARTMENT OF COMMERCE bupper the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number. **Application Number** 10/665,900 APR 1 9 2004 TRANSMITTAL Filing Date September 19, 2003 **FORM** First Named Inventor Jean M.J. Frechet Art Unit 1743 used for all correspondence after initial filing) Examiner Name Attorney Docket Number 7 IB-1829 Total Number of Pages in This Submission **ENCLOSURES** (Check all that apply) After Allowance Communication Fee Transmittal Form Drawing(s) to Group Appeal Communication to Board Licensing-related Papers Fee Attached of Appeals and Interferences **Appeal Communication to Group** Amendment/Reply Petition (Appeal Notice, Brief, Reply Brief) Petition to Convert to a **Proprietary Information** Provisional Application After Final Power of Attorney, Revocation Status Letter Affidavits/declaration(s) Change of Correspondence Address Other Enclosure(s) (please X Terminal Disclaimer **Extension of Time Request** Identify below): Non-U.S. Patent references and Request for Refund **Express Abandonment Request** Return Postcard X CD, Number of CD(s) Information Disclosure Statement Remarks Certified Copy of Priority Document(s) Response to Missing Parts/ **Incomplete Application** Response to Missing Parts under 37 CFR 1.52 or 1.53 SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT Firm Individual name | Michelle S Chew; Lawrence Berkeley National Laboratory Signature Date CERTIFICATE OF TRANSMISSION/MAILING I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below. Washington, DC 20231 on this date: Typed or printed name Michelle S. Chew Signature Date

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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on April 15, 2004

LAWRENCE BERKELEY NATIONAL LABORATORY

By: MChille & Chem

Attorney Docket No.: IB-1829

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

Jean M.J. Fréchet, et al.

Application No.: 10/665,900

Filed: September 19, 2003

For: PHOTOINITIATED GRAFTING OF POROUS POLYMER MONOLITHS AND THERMOPLASTIC POLYMERS FOR MICROFLUIDIC DEVICES

Examiner: Not yet assigned

Art Unit: 1743

INFORMATION DISCLOSURE

STATEMENT UNDER 37 CFR §1.97 and

§1.98

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Sir:

The references cited on attached form PTO/SB/08A and PTO/SB/08B are being called to the attention of the Examiner. Copies of the non-U.S. patent references are enclosed. In conformity with proposed U.S. Patent and Trademark Office rules set forth in OG Notice: 05 August 2003, Applicants have not included copies of each cited U.S. patent and each U.S. patent application publication because Applicant's U.S. national patent application was filed after June 30, 2003. The requirement to submit a copy of each cited U.S. patent and each U.S. patent application publication, as set forth in current 37 CFR 1.98(a)(2)(i), is waived per the cited OG Notice.

Jean M.J. Fréchet, et al.

Application No.: 10/665,900

Page 2

It is respectfully requested that the cited references be expressly considered during the prosecution of this application, be made of record therein and appear among the

"references cited" on any patent to issue therefrom.

As provided for by 37 CFR 1.97(g) and (h), no inference should be made that the information and references cited are prior art merely because they are in this statement and no representation is being made that a search has been conducted or that this statement encompasses

all the possible relevant information.

Applicant believes that no fee is required for submission of this statement.

However, if a fee is required, the Commissioner is authorized to deduct such fee from the undersigned's Deposit Account No. 120690. Please deduct any additional fees from, or credit

any overpayment to, the above-noted Deposit Account.

Respectfully submitted,

Michelle Schen

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Substitute for form 1449B/PTO Complete if Known **Application Number** 10/665,900 INFORMATION DISCLOSURE **Filing Date** September 19, 2003 STATEMENT BY APPLICANT Fréchet, Jean M.J., et. al. **First Named Inventor** 1743 Art Unit (use as many sheets as necessary) **Examiner Name** Not yet assigned IB-1829 Sheet of Attorney Docket Number

APR 1 9 2004

	U.S. PATENT DOCUMENTS						
Examiner	Cite No.1	Number Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear		
	AA	US-5316,680	05-31-1994	Fréchet, et al.			
	AB	US-5,334,310	08-02-1994	Fréchet, et al.			
	AC	US-5,431,807	07-11-1995	Fréchet, et al.			
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	CI	US-20010007701	07-12-2001	Karger, et al.			

		OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS	
Examiner Initials *	Cite No.1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T²
	AQ	ALLMER K, Hult A, Ranby B., Surface modification of polymers. II: Grafting with glycidyl acrylate and the reactions of the grafted surface with amines. J. Polym Sci Polym Chem 1989; 27:1641-52.	
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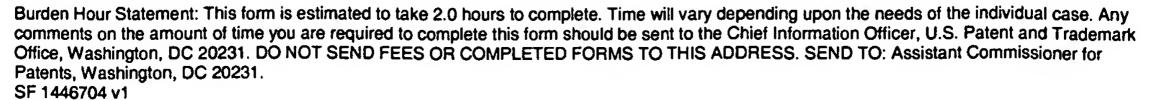
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INFORMATION DICCLOCUDE	Application Number	10/665,900			
INFORMATION DISCLOSURE	Filing Date	September 19, 2003			
STATEMENT BY APPLICANT	First Named Inventor	Fréchet, Jean M.J., et. al.			
	Art Unit	1743			
(use as many sheets as necessary)	Examiner Name	Not yet assigned			
Sheet 2 of 4	Attorney Docket Number	IB-1829			

		OTHER PRIOR ART NON PATENT LITERATURE DOCUMENTS	
Examiner Initials *	Cite No.1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	τ²
	AV	BERMAN, et al., "Total Alignment of Calcite at Acidic Polydiacetylene Films: Cooperativity at the Organic-Inorganic Interface," <i>Science</i> , Volume 269, pp. 515-518, (July 28, 1995)	
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Examiner	Date	
Signature	Considered	

¹ Applicant's unique citation designation number (optional). ² Applicant is to place a check mark here if English language Translation is attached.





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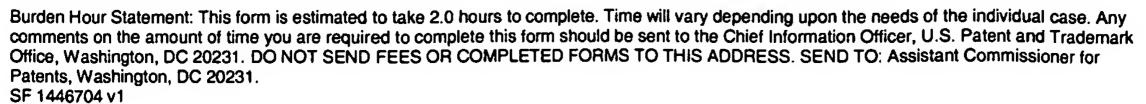
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Substitute for form 1449B/PTO	Complete if Known			
INFORMATION DICOLOCUDE	Application Number	10/665,900		
INFORMATION DISCLOSURE	Filing Date	September 19, 2003		
STATEMENT BY APPLICANT	First Named Inventor	Fréchet, Jean M.J., et. al.		
	Art Unit	1743		
(use as many sheets as necessary)	Examiner Name	Not yet assigned		
Sheet 3 of 4	Attorney Docket Number	IB-1829		

		OTHER PRIOR ART NON PATENT LITERATURE DOCUMENTS	
Examiner Initials *	Cite No.1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T 2
	BJ	PETERS, EC, Svec, F, and Frechet JMJ, "Control of Porous Properties and Surface Chemistry in "Molded" Porous Polymer Monoliths Prepared by Polymerization in the Presence of TEMPO," <i>Macromolecules</i> 1999, 32, 6377-6379, Aug 19, 1999.	
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	вх	SVEC F., Fréchet J.M.J., Hilder E.F., Peterson D.S., Rohr T., in <i>Micro Total Analysis Systems 2002</i> , Baba Y., van den Berg A. (Eds.), Kluwer Academic Publishers, Dordrecht, 2002, p. 332-334.	

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INFORMATION DISCLOSURE					Filing Date	September 19, 2003		
S	FATEME	NT BY	AP	PLICANT	First Named Inventor	Fréchet, Jean M.J., et. al.		
					Art Unit	1743		
	(use as many sheets as necessary)				Examiner Name	Not yet assigned		
Sh	eet 4		of	4	Attorney Docket Number	IB-1829		

		OTHER PRIOR ART NON PATENT LITERATURE DOCUMENTS	
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	BY	THROCKMORTON DJ, Shepodd TJ, and Singh AK, "Electrochromatography in Microchips: Reversed-Phase Separation of Peptides and Amino Acids Using Photopatterned Rigid Polymer Monoliths," <i>Anal. Chem.</i> ; Feb 15, 2002; 74(4) pp 784 – 789.	
	BZ	UYAMA, Y., Kato K., Ikada Y., "Surface Modification of Polymers by Grafting," Adv. Polym. Sci. 1998, 137, 1.	
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·	CG	YU C., Davey M.H., Svec F., Fréchet J.M.J., "Monolithic Porous Polymer for On-Chip Solid-Phase Extraction and Preconcentration Prepared by Photoinitiated in Situ Polymerization within a Microfluidic Device," Anal. Chem. 2001, 73, 5088.	
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